CLAIMS

1. An electro-acoustic converter comprising:

a magnetic circuit;

a frame bonded to the magnetic circuit;

a diaphragm bonded to a circumferential edge of the frame;

a voice coil attached to the diaphragm in a manner that a part thereof is located in a magnetic gap of the magnetic circuit;

a terminal made of a sheet metal having spring property and electrical conductivity, a part of the terminal being fixed to the frame and electrically connected to the voice coil, the terminal having a bent portion and a contact portion for connection to an external circuit; and

a stopper provided around a portion of the sheet metal constituting the terminal at one side nearer to the frame than the bent portion, the stopper protruding from a surface of the frame where the contact portion of the terminal protrudes, whereby the stopper being configured to restrict bending of the sheet metal constituting the terminal within a threshold value of reversibility of a material of the metal.

2. The electro-acoustic converter according to claim 1, wherein the stopper protrudes substantially perpendicularly from the surface of the frame where the contact portion of the terminal protrudes.

3. The electro-acoustic converter according to claim 1, wherein an edge face of the stopper opposite to a surface of the frame where the contact portion side of the terminal protrudes is substantially parallel to the surface of the frame where the contact portion side of the terminal protrudes.

4. The electro-acoustic converter according to claim 1, wherein the stopper is one of a plurality of stoppers, and the terminal is provided with the plurality of stoppers.

5. The electro-acoustic converter according to claim 1, wherein the stopper has two surfaces with an angle greater than 0° but less than 180° formed therebetween when viewed toward the surface of the frame where the contact portion side of the terminal protrudes.

6. The electro-acoustic converter according to claim 5, wherein the two surfaces are substantially orthogonal with respect to each other.

7. The electro-acoustic converter according to claim 1 further comprising a reinforcing rib formed substantially in parallel with a direction in which the stopper protrudes from the frame.

8. An electronic device comprising:

an electro-acoustic converter having;

a magnetic circuit;

a frame bonded to the magnetic circuit;

a diaphragm bonded to a circumferential edge of the frame;

a voice coil attached to the diaphragm in a manner that a part thereof is located in a magnetic gap of the magnetic circuit;

a terminal made of a sheet metal having spring property and electrical conductivity, a part of the terminal being fixed to the frame and electrically connected to the voice coil, the terminal having a bent portion and a contact portion for connection to an external circuit; and

a stopper provided around a portion of the sheet metal constituting the terminal at one side nearer to the frame than the bent portion, the stopper protruding from a surface of the frame where the contact portion of the terminal protrudes, whereby the stopper being configured to restrict bending of the sheet metal constituting the terminal within a threshold value of reversibility of a material of the metal, and

an electronic circuit connected electrically with the electro-acoustic converter via the contact portion, electronic circuit being configured to supply electric power to the

electro-acoustic converter.